

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
4 September 2003 (04.09.2003)

PCT

(10) International Publication Number
WO 03/073622 A3

(51) International Patent Classification⁷: H04H 1/00,
7/00, H04Q 7/20, H04N 7/16, 7/173

(21) International Application Number: PCT/US02/33650

(22) International Filing Date:
21 November 2002 (21.11.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/357,650 20 February 2002 (20.02.2002) US

(71) Applicant (for all designated States except US):
PASSEVER, INC. [US/US]; 1209 Orange Street,
Corporation Trust Center, Wilmington, DE 19801-1196
(US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): GOLOMBEK,

Harel [IL/IL]; 3 Gur St., 42493 Netanya (IL). ZUSS-
MAN, Mordechai [IL/IL]; 41 Hanarkisim St., 27216
Kiriath Bialik (IL). SHKLARSKY, Dan [IL/IL]; 9 Yona
Engel St., 34952 Hifa (IL). ANGHEL, Michael [IL/IL]; 4
After st., 69362 Ramat-Aviv, Tel Aviv (IL).

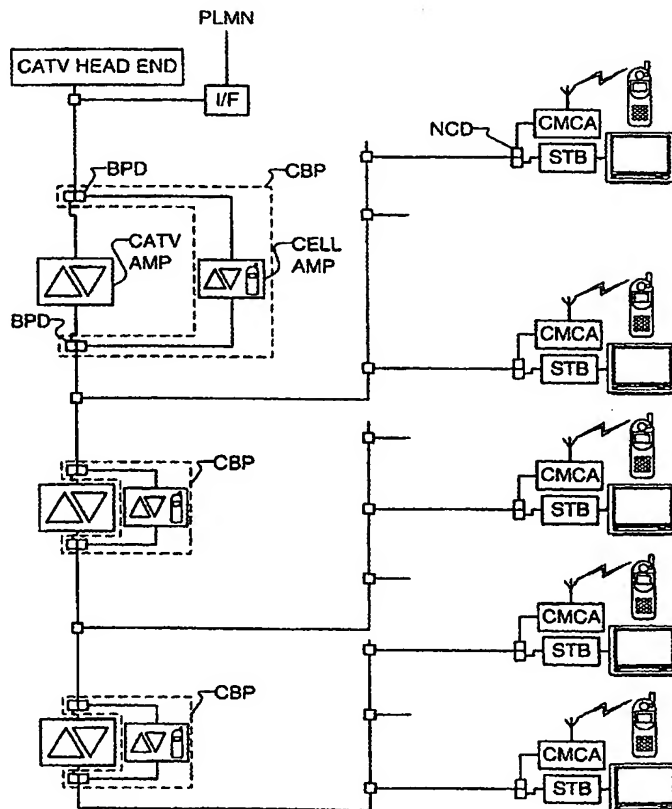
(74) Agents: HYNDMAN, Kelly, G et al.; SUGHRUE MION,
PLLC, 2100 Pennsylvania Avenue, N.W., Suite 800, Wash-
ington, DC 20037-3213 (US).

(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG,
SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,
VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

[Continued on next page]

(54) Title: WIRELESS PROVIDER MONITORING OF CATV SEGMENT



(57) Abstract: A monitor enabled amplifier in the CATV segment of a wireless network includes a cellular interface communicating with a network control center to provide status information pertaining to the CATV network. A monitor enabled cable Mount cellular antenna with a twin mode cellular interface provide status and location correlation information to the network control center. The location correlation information supports an emergency response system and differential billing.

WO 03/073622 A3



Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK,
TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*

(88) Date of publication of the international search report:

18 December 2003

INTERNATIONAL SEARCH REPORT

International Classification No.
PCT/US02/33650**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : H04H 1/00, 7/00; H04Q 7/20; H04N 7/16, 7/173

US CL : 455/3.01, 3.05, 3.06, 426, 454; 725/62, 105, 106

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 455/3.01, 3.05, 3.06, 426, 454; 725/62, 105, 106

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EAST - cellular, telephone, CATV, amplifier, settop

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,953,670 A (NEWSON) 14 September 1999, whole document	1-65
X,P	US 6,397,388 B1 (ALLEN) 28 May 2002, whole document	1-65
A	US 5,642,155 A (CHENG) 24 June 1997, whole document	1-65
A	US 5,987,303 A (DUTTA et al) 16 November 1999, whole document	1-65
A	US 5,812,184 A (MARTINEZ) 22 September 1998, whole document	1-65



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:		"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A"	document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E"	earlier document published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"O"	document referring to an oral disclosure, use, exhibition or other means		
"P"	document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search

12 JANUARY 2003

Date of mailing of the international search report

08 SEP 2003

Name and mailing address of the ISA/US
Commissioner of Patents and Trademarks
Box PCT
Washington, D.C. 20231

Facsimile No. (703) 305-3230

Authorized officer

Vivek Srivastava

Telephone No. (703) 305-4038